CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
An ISO 9001:2008 Certified Company
NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

Job No.: CTCE/BBMP/W.No.14/KJ/CEMENT/2013-14 Date: 13.01.2014

TEST REPORT

CLIENT	:	**Asst. Executive Engineer,** Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	:	**Smt. K. Jayamma,** Contractor, Bangalore.
NAME OF THE WORK	:	Ward Maintenance in Bagalagunte Ward No.14, 6.AM to 2.PM (12 Months), BBMP, Bangalore.
REFERENCE	:	EE/DD/W.O/199/2013-14 Dated: 09.01.2014
SAMPLE ID	:	CEMENT
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-2013
1	Standard Consistency	IS-4031 (Part -4)	30.50 %	-
2	a) Initial Setting Time	IS-4031 (Part -5)	155 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	490 Minutes	Not More than 600 Minutes
3	Soundness by the Le-Chatelier method	IS-4031 (Part 3)	1 mm	Not more than 10 mm

Civil-Tech Consultants & Engineers Bangalore

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers
23/14, 7th Cross, 3rd Stage,
4th Block, Shakthiganapathinagara,
Basaveshwaranagar,
Bangalore-560079.

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Job No.: CTCE/BBMP/W.No.14/KJ/SAND/2013-14 : 13.01.2014

TEST REPORT ON FINE AGGREGATES
IS 383-1970 (RA- 2002)

Client : Asst. Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Agency : Smt. K. Jayamma, Contractor, Bangalore.
Name of Work : Ward Maintenance in Bagalagunte Ward No.14, 6.AM to 2.PM (12 Months), BBMP, Bangalore.
Reference : EE/DD/W.O/199/2013-14 Dated: 09.01.2014
Date of Testing : 13.01.2014
Material : Sand Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	45	4.50	4.50	95.5	90-100
2.36	165	16.50	21.00	79.0	75-100
1.18	180	18.00	39.00	61.0	55-90
600 Micron	225	22.50	61.50	38.5	35-59
300 Micron	210	21.00	82.50	17.5	8-30
150 Micron	112	11.20	93.70	6.3	0-10

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ಬೆಂಗಳೂರು

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